

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A power supply circuit for a motor vehicle electric system having:
 - a starter generator (1),
 - a power electronics system (~~LE~~),
 - at least one battery (B),
 - at least one dynamic energy accumulator (3) and a DC/DC converter (2),wherein the starter generator (4) can be connected to the vehicle electric system via a first connection branch in which the DC/DC converter (2) is arranged,
~~characterized in that~~ and wherein
 - the starter generator (4) can be connected to the vehicle electric system via a second connection branch,
 - ~~wherein~~ both the first and the second connection branches each have, at their side connected to the starter generator (4), a respective switch (S1, S2) by ~~means of~~ which the respective connection branch can be disconnected from the starter generator,
 - the battery (B) is connected on the vehicle electric system side of the switch between the second connection branch and ground,
 - the energy accumulator (3) is connected between ground and the first connection branch at a point between the switch in the first connection branch and the DC/DC converter (2) ~~between ground and the first connection branch~~, and
 - a control device (5) is formed which actuates the switches (S1, S2) in the first and the second connection branches and the DC/DC converter (2) in response to a charge state of the battery (B) and of the energy accumulator (3) and an operating state of the motor vehicle in such a way that
 - recuperation energy which is present in the energy accumulator (3) is stored and recuperation energy which is present is optionally used to charge the

battery {B} if the energy accumulator {3} is fully charged,

- drive support is provided by energy from the energy accumulator {3} as soon as the energy accumulator {3} is charged after an initial start, and drive support is provided from the battery {B} up to this time,
- for a rapid start energy is used from the energy accumulator {3},
- the battery is charged according to its charge state as required, and
- after a recuperation the vehicle electric system is fed via the battery {B}.

2. (Currently Amended) The power supply circuit for a motor vehicle electric system as claimed in claim 1, ~~characterized in that~~ wherein a monitoring device {4} is also formed which monitors the charge state of the battery {B} and of the energy accumulator {3} and transfers the monitoring result to the control device {5}.

3. (Currently Amended) The power supply circuit for a motor vehicle electric system as claimed in claim 1, ~~characterized in that~~ wherein the switches {S1, S2} are embodied as controllable semiconductor switches.

4. (Currently Amended) The power supply circuit for a motor vehicle as claimed in ~~one of claims 1~~, ~~characterized in that~~ wherein the dynamic energy accumulator {4} is embodied as a capacitor.

5. (Currently Amended) The power supply circuit for a motor vehicle as claimed in claim 4, ~~characterized in that~~ wherein the capacitor is embodied as a supercap or ultracap.

6. (Currently Amended) The power supply circuit for a motor vehicle electric system as claimed in claim 2, ~~characterized in that~~ wherein the switches {S1, S2} are controllable semiconductor switches.